

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072721\  
 Data File : PL068487.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jul 2021 09:40  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 28 02:29:20 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071921.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 20 11:44:21 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|---------|
| -----                       |                 |        |        |          |          |         |         |
| System Monitoring Compounds |                 |        |        |          |          |         |         |
| 1)                          | SA Tetrachlo... | 4.644  | 5.571  | 9183411  | 19195202 | 21.397  | 18.811  |
| 28)                         | SA Decachlor... | 10.419 | 11.494 | 12488291 | 18869511 | 22.205  | 21.154  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 5.351  | 6.151  | 5985458  | 11809149 | 10.225  | 8.686   |
| 3)                          | MA gamma-BHC... | 5.774  | 6.547  | 5731198  | 11382051 | 10.082  | 8.822   |
| 6)                          | B beta-BHC      | 6.154  | 6.798  | 4253991  | 6128555  | 14.538  | 8.675m# |
| 12)                         | B 4,4'-DDE      | 7.649  | 8.570  | 122834   | 252983   | 0.244m  | 0.245   |
| 14)                         | MA Endrin       | 8.069  | 8.969  | 25907358 | 42184054 | 51.805  | 47.177  |
| 16)                         | A 4,4'-DDD      | 8.234  | 9.110  | 1871280  | 3099748  | 4.189   | 3.640   |
| 17)                         | MA 4,4'-DDT     | 8.496  | 9.428  | 49837132 | 84164909 | 99.358  | 89.173  |
| 18)                         | B Endrin al...  | 8.567  | 9.337  | 371948   | 396525   | 0.939m  | 0.550 # |
| 20)                         | A Methoxychlor  | 9.092  | 9.913  | 69494029 | 108.5E6  | 222.162 | 213.531 |
| 21)                         | B Endrin ke...  | 9.317  | 10.070 | 1613493  | 1965237  | 2.725   | 1.971m# |
| -----                       |                 |        |        |          |          |         |         |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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Acq On : 27 Jul 2021 09:40  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

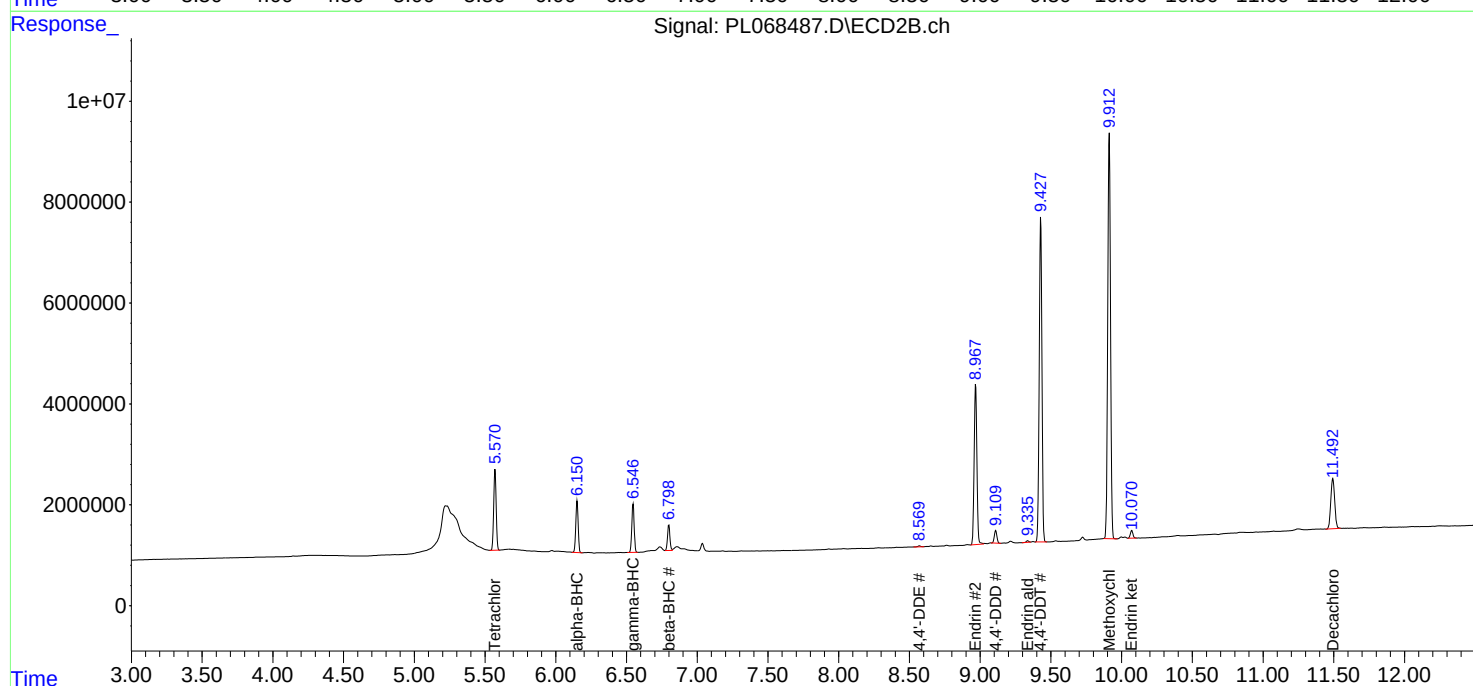
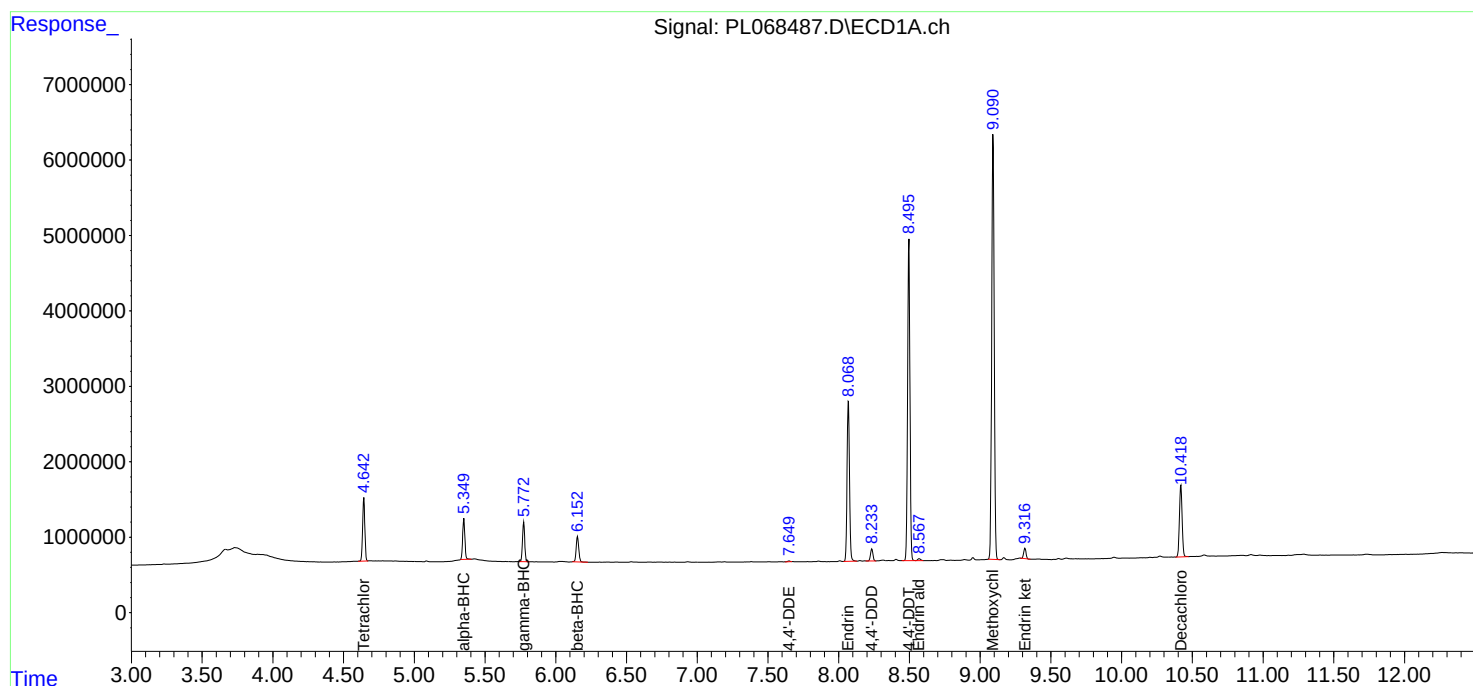
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

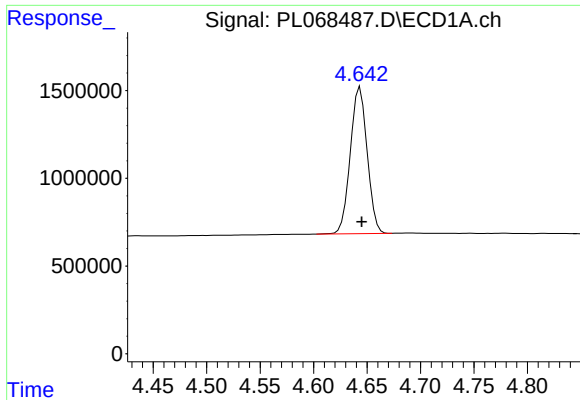
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 28 02:29:20 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071921.M  
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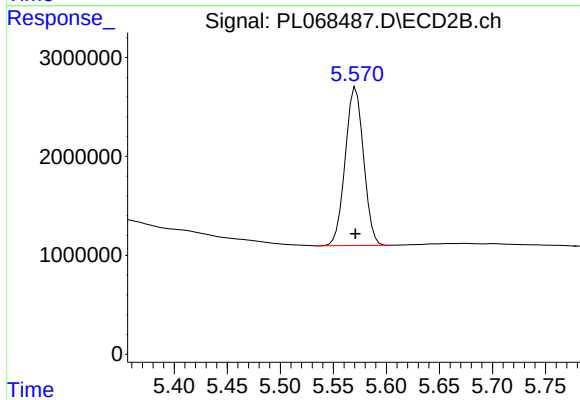
#1 Tetrachloro-m-xylene

R.T.: 4.644 min  
Delta R.T.: -0.001 min  
Response: 9183411  
Conc: 21.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

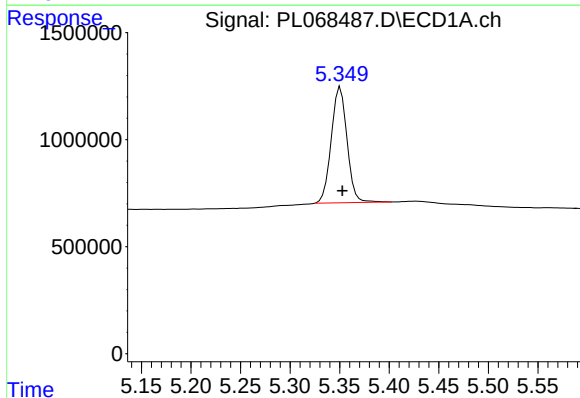
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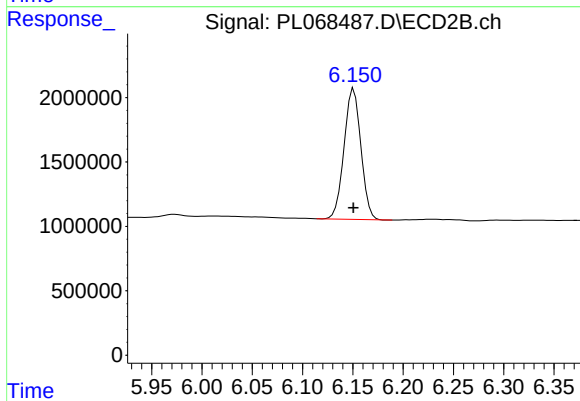
#1 Tetrachloro-m-xylene

R.T.: 5.571 min  
Delta R.T.: 0.000 min  
Response: 19195202  
Conc: 18.81 ng/ml



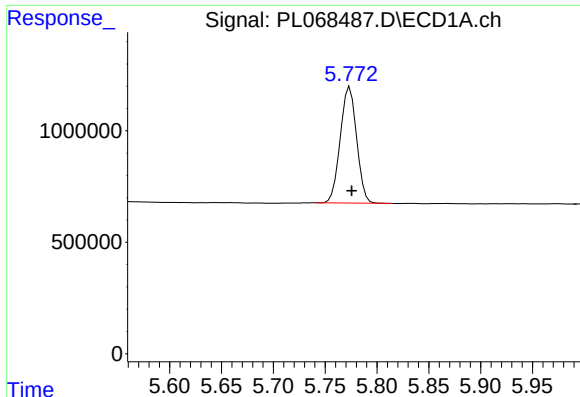
#2 alpha-BHC

R.T.: 5.351 min  
Delta R.T.: -0.002 min  
Response: 5985458  
Conc: 10.22 ng/ml



#2 alpha-BHC

R.T.: 6.151 min  
Delta R.T.: 0.000 min  
Response: 11809149  
Conc: 8.69 ng/ml



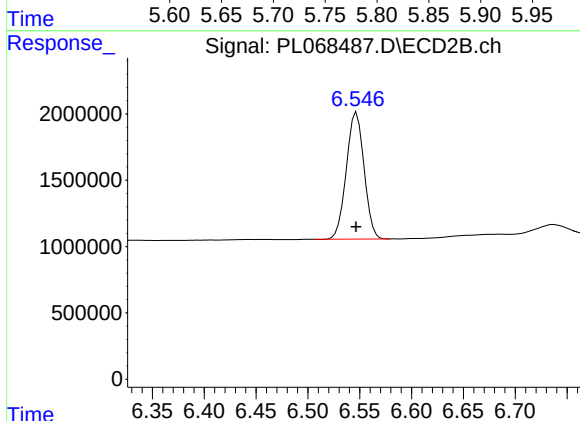
#3 gamma-BHC (Lindane)

R.T.: 5.774 min  
Delta R.T.: -0.002 min  
Response: 5731198  
Conc: 10.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

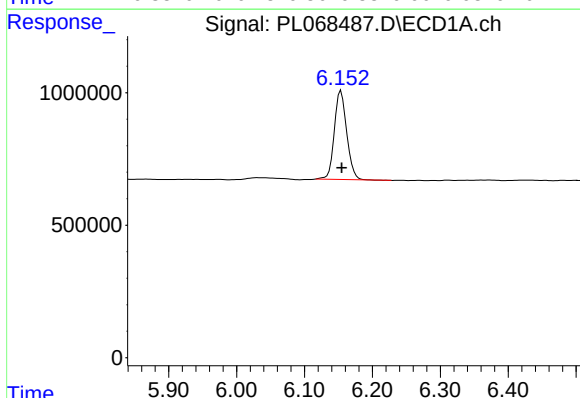
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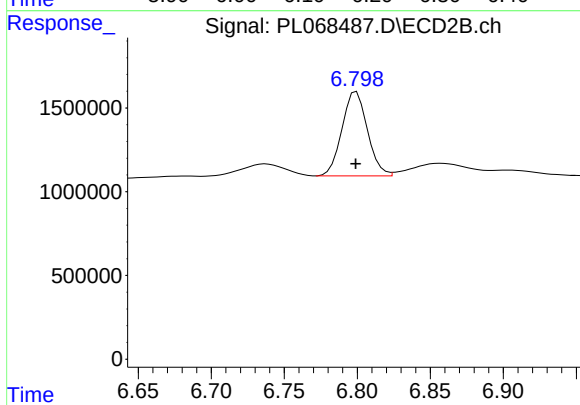
#3 gamma-BHC (Lindane)

R.T.: 6.547 min  
Delta R.T.: 0.000 min  
Response: 11382051  
Conc: 8.82 ng/ml



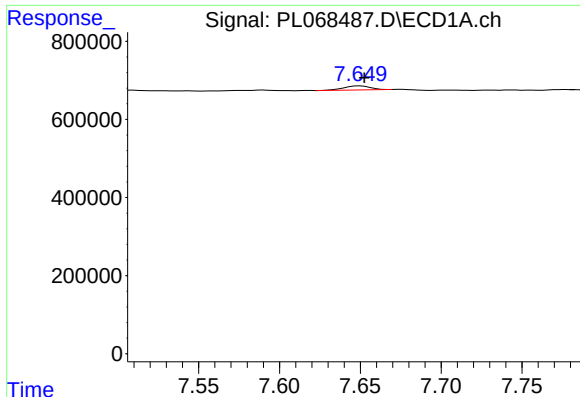
#6 beta-BHC

R.T.: 6.154 min  
Delta R.T.: -0.001 min  
Response: 4253991  
Conc: 14.54 ng/ml



#6 beta-BHC

R.T.: 6.798 min  
Delta R.T.: 0.000 min  
Response: 6128555  
Conc: 8.67 ng/ml m



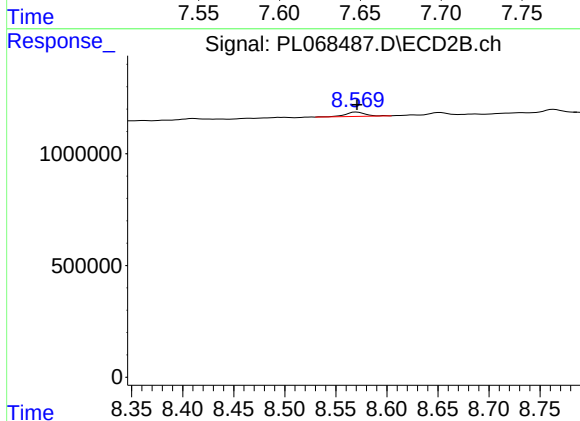
#12 4,4'-DDE

R.T.: 7.649 min  
Delta R.T.: -0.004 min  
Response: 122834  
Conc: 0.24 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

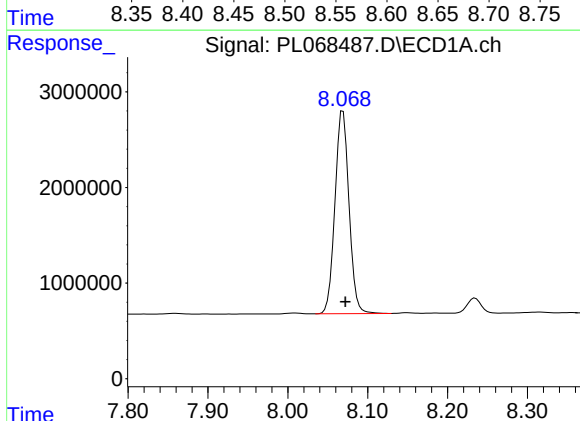
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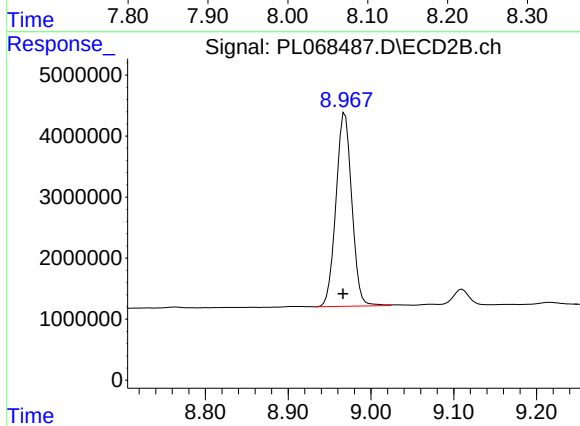
#12 4,4'-DDE

R.T.: 8.570 min  
Delta R.T.: 0.000 min  
Response: 252983  
Conc: 0.25 ng/ml



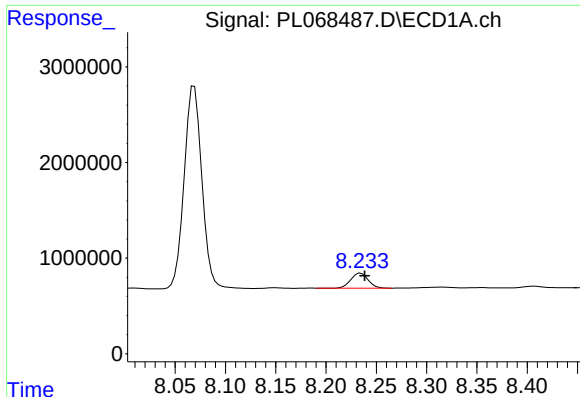
#14 Endrin

R.T.: 8.069 min  
Delta R.T.: -0.003 min  
Response: 25907358  
Conc: 51.81 ng/ml



#14 Endrin

R.T.: 8.969 min  
Delta R.T.: 0.002 min  
Response: 42184054  
Conc: 47.18 ng/ml



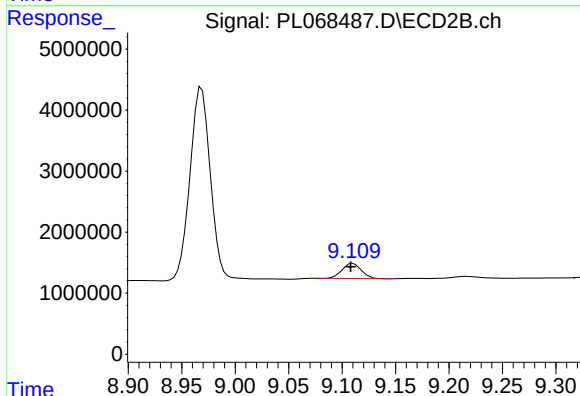
#16 4,4'-DDD

R.T.: 8.234 min  
Delta R.T.: -0.004 min  
Response: 1871280  
Conc: 4.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

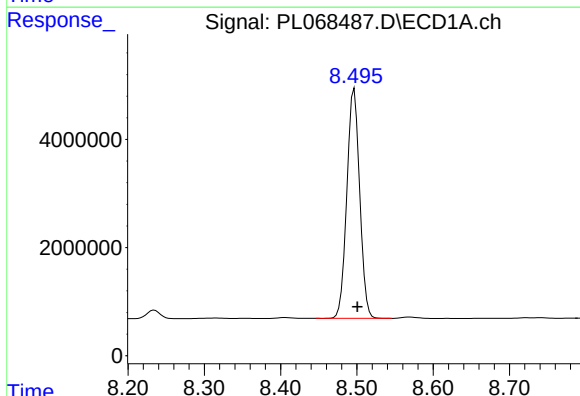
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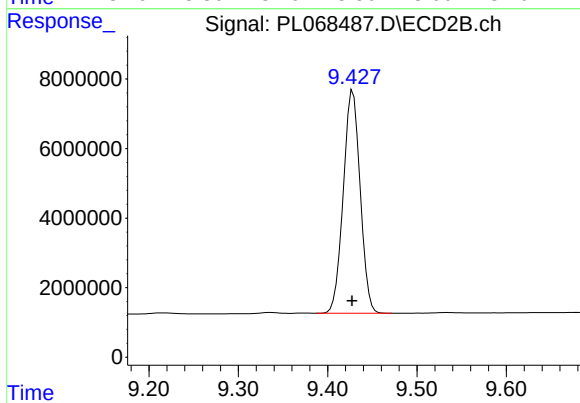
#16 4,4'-DDD

R.T.: 9.110 min  
Delta R.T.: 0.002 min  
Response: 3099748  
Conc: 3.64 ng/ml



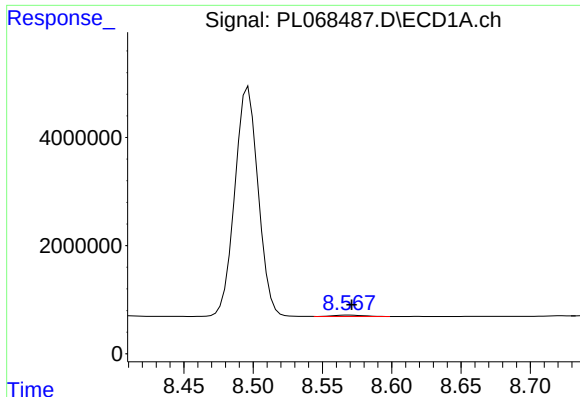
#17 4,4'-DDT

R.T.: 8.496 min  
Delta R.T.: -0.004 min  
Response: 49837132  
Conc: 99.36 ng/ml



#17 4,4'-DDT

R.T.: 9.428 min  
Delta R.T.: 0.001 min  
Response: 84164909  
Conc: 89.17 ng/ml



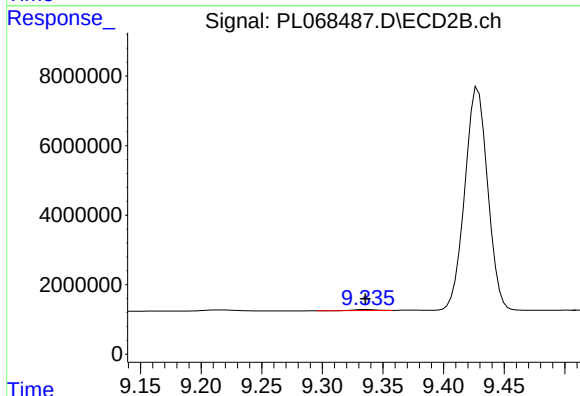
#18 Endrin aldehyde

R.T.: 8.567 min  
Delta R.T.: -0.004 min  
Response: 371948  
Conc: 0.94 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

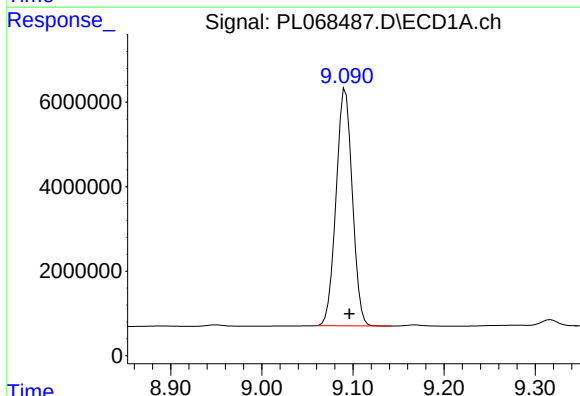
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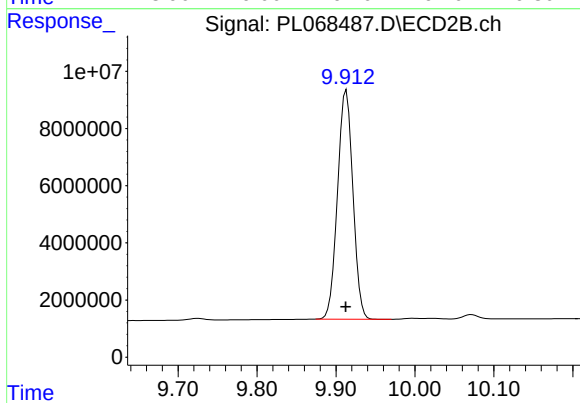
#18 Endrin aldehyde

R.T.: 9.337 min  
Delta R.T.: 0.001 min  
Response: 396525  
Conc: 0.55 ng/ml



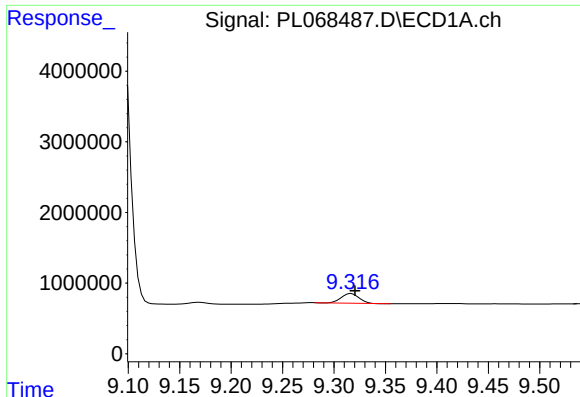
#20 Methoxychlor

R.T.: 9.092 min  
Delta R.T.: -0.004 min  
Response: 69494029  
Conc: 222.16 ng/ml



#20 Methoxychlor

R.T.: 9.913 min  
Delta R.T.: 0.000 min  
Response: 108481323  
Conc: 213.53 ng/ml



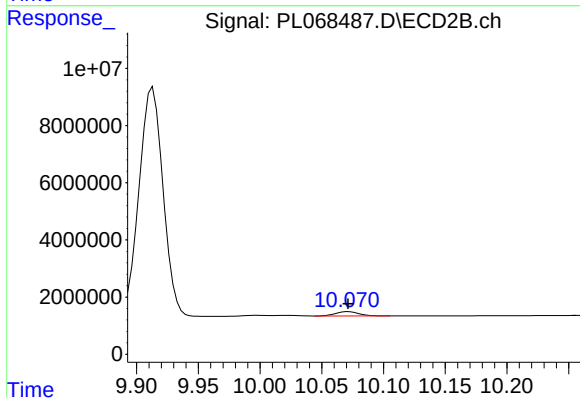
#21 Endrin ketone

R.T.: 9.317 min  
Delta R.T.: -0.003 min  
Response: 1613493  
Conc: 2.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

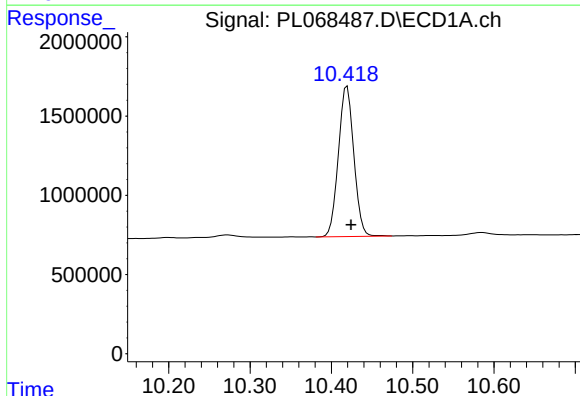
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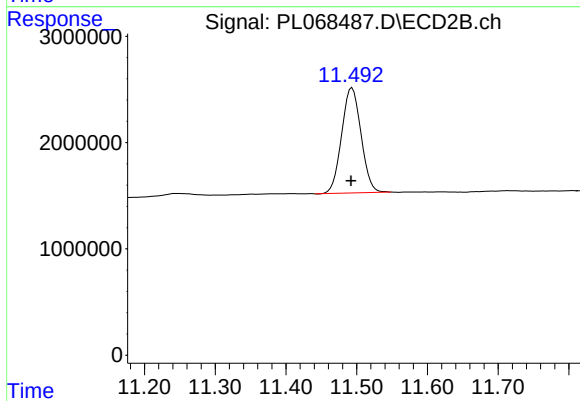
#21 Endrin ketone

R.T.: 10.070 min  
Delta R.T.: 0.000 min  
Response: 1965237  
Conc: 1.97 ng/ml m



#28 Decachlorobiphenyl

R.T.: 10.419 min  
Delta R.T.: -0.005 min  
Response: 12488291  
Conc: 22.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.494 min  
Delta R.T.: 0.001 min  
Response: 18869511  
Conc: 21.15 ng/ml